

IN THE CLAIMS:

Please amend claims 1-20, 22-26, and 29-31 as follows. Please add new claims 32-34 as follows.

1. (Currently Amended) A method, of deciding a policy for controlling communications in a communication system, the method comprising the steps of:

determining a type of an access network associated with communications via a gateway in a communication system; and

deciding a traffic flow control policy to apply to communications via the gateway based on information regarding the type of the access network.

2. (Currently Amended) A method as claimed in claim 1, comprising the further steps of:

signalling signaling data from an entity associated with the access network to the gateway; and

determining the type of the access network based on said data.

3. (Currently Amended) A method as claimed in claim 2, wherein the step of signalling data signaling comprises sending type information from the entity to the gateway.

4. (Currently Amended) A method as claimed in claim 2, wherein the ~~signalling step~~
~~signaling~~ comprises ~~signalling-signaling~~ data from the entity, in which the entity
associated with the access network comprises a node connected to the access network.

5. (Currently Amended) A method as claimed in claim 2, wherein the ~~signalling step~~
~~signaling~~ comprises ~~signalling-signaling~~ data from the entity, in which the entity
associated with the access network comprises a user equipment.

6. (Currently Amended) A method as claimed in claim 2, wherein the ~~step of~~
~~signalling data-signaling~~ comprises sending a request for a data bearer.

7. (Currently Amended) A method as claimed in claim 6, comprising ~~the step of~~ of
including information regarding the type of the access network in a request for a data
bearer.

8. (Currently Amended) A method as claimed in claim 6, wherein the ~~step of~~ sending
comprises sending the request, in which the request comprises another request for
creation of a packet data protocol context.

9. (Currently Amended) A method as claimed in claim 1, wherein the ~~step of~~ determining ~~the type of the access network~~ comprises determining the type in the gateway.

10. (Currently Amended) A method as claimed in claim 9, wherein the ~~step of~~ determining comprises determining the type of an access network based on the address of the entity associated with the access network.

11. (Currently Amended) A method as claimed in claim 9, wherein the ~~step of~~ determining ~~the type of the access network~~ comprises the sub steps of:

determining the type of the access network supported by the entity associated with the access network; and

determining the type of the access network from the access type supported by the entity associated with the access network.

12. (Currently Amended) A method as claimed in claim 9, wherein the ~~step of~~ determining ~~the type of the access network~~ comprises determining the type of the access network based on a characteristics of a message ~~signalled~~ signaled from the entity associated with the access network to the gateway.

13. (Currently Amended) A method as claimed in claim 1, further comprising ~~the step~~ of identifying a communication session by the gateway.

14. (Currently Amended) A method as claimed in claim 13, comprising ~~the step of~~ determining in the gateway if a service specific policy is already available for the identified communication session.

15. (Currently Amended) A method as claimed in claim 1, further comprising ~~the step~~ of deciding if a decision by a policy controller is required.

16. (Currently Amended) A method as claimed in claim 15, further comprising resolving the address of an appropriate policy controller entity ~~the~~ according to the gateway.

17. (Currently Amended) A method as claimed in claim 15, further comprising ~~the step~~ of sending a request to the policy controller entity, wherein the request contains information regarding the type of the access network.

18. (Currently Amended) A method as claimed in claim 15, further comprising the
~~further step of sending an enquiry inquiry~~ for a subscription profile from a policy controller entity to a separate database.

19. (Currently Amended) A method as claimed in claim 15, further comprising authorising~~authorizing~~ a user and making a policy decision in a policy controller entity.

20. (Currently Amended) A method as claimed in claim 1, wherein the ~~step of deciding the policy~~ comprises selecting an access network specific policy.

21. (Original) A method as claimed in claim 1, further comprising determining if the access network operates in accordance with one of:

a second generation standard, a third generation standard, or a wireless local area network standard.

22. (Currently Amended) A method as claimed in claim 1, wherein the ~~step of deciding the policy~~ comprises deciding a service specific policy.

23. (Currently Amended) A method as claimed in claim 1, wherein the deciding step comprises deciding the policy based on the information of the type of the access network, wherein the information is one of a quality of service policy, a security policy, and a charging rule.

24. (Currently Amended) A method ~~of controlling communications via a gateway~~, the method according to claim 1, further comprising the step of:

~~deciding a control policy by determining a type of an access network associated with communications via a gateway; and~~

~~deciding the control policy applied to communications via the gateway based on information regarding the type of the access network.~~

controlling said communications via said gateway in accordance with the decided traffic flow control policy.

25. (Currently Amended) A computer program embodied on a computer readable medium, ~~said program comprising program code means for performing steps when run on a computer, for deciding the computer program configured to control a processor to decide a traffic flow control policy for controlling communications in a communication system, the steps comprising:~~

determining a type of an access network associated with communications via a gateway; and

deciding a traffic flow control policy to apply to communications via the gateway based on information regarding the type of the access network.

26. (Currently Amended) A communication system comprising:

different access networks;

a gateway ~~for communication~~ configured to communicate with entities associated with the different access networks;

an access network type determination means processor configured to determine a type of an access network of the different access networks; and

a decision making entity ~~configured~~ processor configured to decide a traffic flow control policy to apply to communications via the gateway based on information of the type of the access network,

wherein the communication system ~~controls~~—is configured to control communications based on decisions by the decision making entity ~~processor~~.

27. (Original) A communication system as claimed in claim 26, wherein an entity associated with the access network comprises a node connected to the access network.

28. (Original) A communication system as claimed in claim 26, wherein an entity associated with the access network comprises a user equipment.

29. (Currently Amended) A communication system as claimed in claim 26, comprising a policy controller ~~entity processor~~ configured to provide the decision making ~~entity~~ processor.

30. (Currently Amended) A communication system as claimed in claim 26, wherein the ~~decision making entity is provided in the gateway~~ gateway is configured to provide the decision making processor.

31. (Currently Amended) ~~A gateway for communication with entities associated with different access networks of a communication system, the gateway~~ An apparatus, comprising:

an access network type determining ~~means~~ processor configured to determine a type of an access network; and

a decision making ~~means~~ processor configured to decide a ~~traffic flow control~~ policy to apply to communications via a gateway based on information of the type of the access network, ~~wherein the gateway controls traffic flows based on decisions by the decision making means.~~

32. (New) A gateway according to claim 31, wherein the gateway control traffic flows based on decisions by the decision making ~~entity~~ processor.

33. (New) A communication system comprising:

different access networks;

gateway means for communicating with entities associated with the different access networks;

access network type determination means for determining a type of an access network of the different access networks;

decision making means for deciding a traffic flow control policy to apply to communications via the gateway means based on information of the type of the access network,

wherein the communication system is configured to control communications based on decisions by the decision making means.

34. (New) An apparatus, comprising:

access network type determining means for determining a type of an access network; and

decision making means for deciding a traffic flow control policy to apply to communications via a gateway based on information of the type of the access network, wherein the gateway control traffic flows based on decisions by the decision making means.